


DEC 15 2006  
U.S. Patent & Trademark Office  
Patent & Trademark Office

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO					
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/593,577
				Filing Date	September 20, 2006
				First Named Inventor	Kiyoshi KATO
				Group Art Unit	2816
				Examiner Name	Dinh Le
				Attorney Docket Number	0756-7839
Sheet	1	of	1		

[illegible][illegible][illegible]

Examiner Signature	<i>W. M. L.</i>	Date Considered	12/2/07
--------------------	-----------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box → [+]

10/593577  
 IAP9/Rec'd PCT/PTO 20 SEP 2006  
 PTO 600 (08-00)  
 Approved for release through 10/31/2002 OMB 0651-0031  
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>		
Sheet		1	of	1	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	September 20, 2006 Kiyoshi KATO 2816 Dink 6 0756-7839

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
DL		2002/0195648		Hirata	12/26/2002	—
DL		6,671,146		Hashimoto et al.	12/30/2003	—
DL		6,972,662		Ohkawa et al.	12/06/2005	—

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DL		WO	2000/044049		—	07/27/2000	—	Abst.
DL		JP	2001-250097		—	09/14/2001	—	Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DL		International Search Report (Application No. PCT/JP2005/007115) dated July 26, 2005	
DL		Written Opinion (Application No. PCT/JP2005/007115) dated July 26, 2005	

Examiner Signature		Date Considered	12/2/07
--------------------	--	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.